

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
)	
Inventors: Youchun YAN, et al.)	
)	
Application No.: 10/577,327)	Group Art Unit: Unknown
)	
Filed: April 28, 2006)	Examiner: Unknown
)	
For: FOOD PRODUCT COMPRISING AN)	
EXTRACT FROM PINE NEEDLES)	

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents and Trademarks
U.S. Patent and Trademark Office
Customer Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

The Examiner is requested to consider the prior art listed on the attached PTO-1449, in the examination of this application. The listed references include documents cited in the International Search Report (ISR), Partial European Search Report (ESR); documents mentioned in the International Preliminary Examination; other documents cited in the applicants' disclosure and/or otherwise known to the applicants. Also listed are documents made of record in IDS filed on December 28, 2006 in applicants' related case Appln. No. 10/577,376.

Copies of the listed references are attached except for references which have been submitted in the related case Appln. No. 10/577,376. The return of an initialed copy of the PTO-1449 reflecting the Examiner's consideration of the listed references is requested.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that the listed documents are material or constitute "prior art." If it should be determined that the listed documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents. Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 50-0310.

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP



Paul N. Kokulis, Reg. No. 16,773

Date: April 2, 2007

MORGAN, LEWIS & BOCKIUS LLP
1111 Pennsylvania Avenue, N.W.
Washington, D.C. 20004
(202) 739-3000

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449 Dated April 2, 2007 Page 1 of 2	Attorney Docket No. 059490-5031	Serial No. 10/577,327
	Applicants YAN, et al.	
	Filing Date April 28, 2006	Group

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Sub Class	Filing Date
	1	187, 802	02-1877	Henri J. Bang			
	2	4,917,915	04-1990	Cain et al.			
	3	5,466,453	11-1995	Uchida, et al.			
	4	5,494,667	02-1996	Uchida, et al.			
	5	5,607,971	03-1997	Mahmoud, et al.			
	6	5,690,984	11-1997	Jung Geun Lim			
	7	6,190,680	02-2001	Sakurada et al.			
	8	6,254,858	07-2001	Ho Chin Shim			
	9	6,329,000	12-2001	Ling Ji			

FOREIGN PATENT DOCUMENTS									
		Document Number	Date	Country	Class	Sub Class	Translation		
							YES	NO	
	10.	EP 1 013 278 A1	06-2000	Europe					
	11.	JP 01-218562 A	08-1989	Japan			Abstract		
	12.	JP 02-295460 A	12-1990	Japan			Abstract		
	13.	JP 07-059538 A	03-1995	Japan			Abstract		
	14.	JP 08-107778 A	04-1996	Japan			Abstract		
	15.	JP 09-047267 A	02-1997	Japan			Abstract		
	16.	WO 94/15483	07-1994	WIPO					
	17.	WO 98/28990	07-1998	WIPO					
	18.	WO 02/101025	12-2002	WIPO					
	19.	CN 1 102 111	05-1995	China			Abstract		
	20.	KR 2001 091 281	10-2001	Korea			Abstract		
	21.	EP 1 129 711	09-2001	Europe					
	22.	KR 2001017516	03-2001	Korea			Abstract		
	23.	WO 2004/064757	08-2004	WIPO					
Examiner				Date Considered					
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449 Dated April 2, 2007 Page 2 of 2	Attorney Docket No. 059490-5031	Serial No. 10/577,327
	Applicants YAN, et al.	
	Filing Date April 28, 2006	Group

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
24.	KIM, et al.: "Flavour Compounds of Pine Sprout Tea and Pine Needle Tea", Journal of Agricultural and Food Chemistry, vol. 48(4), pp. 1269-1272, 2000	
25.	KIM, et al.: "Bread Properties Utilizing Extracts of Pine Needle According to Preparation Method", Korean Journal of Food Science and Technology, vol. 30(3), pp. 542-547, 1998	
26.	Oh, et al.: "Effect of Addition of Water Extract of Pine Needle on Tissue of Kimchi", Journal of the Korean Society of Food Science and Nutrition, vol. 27(3), pp. 467-470, 1998	
27.	Anonymous: "Cough Drops and Herbal Sweets – Recipes for Masses and Centres", ISBN 0-7198-26474-8 pp. 251-252 (1980)	
28.	FORD, S.P, et al.: "Abortifacient Effects of Unique Class of Vasoactive Lipids from Pinus Ponderosa Needles", Journal of Animal Science, vol. 77(8), pp. 2187-2193, 1999	
29.	GARROSSIAN, M., et al.: "Preparation of Tetrahydroagathic Acid: A Serum Metabolite of Isocupressic Acid, a Cattley Abortifacient in Ponderosa Pine", Journal of Agricultural and Food Chemistry, vol. 50, pp. 2235-2240, 2002	
30.	IWAMOTO, M., et al.: "Potential Antitumor Promoting Diterpenoids from the Stern Bark of Thuja Standishii", Plant Med, vol 69, pp. 69-72, 2003	
31.	LEWIS, Richard J., Sr., "Hawley's Condensed Chemical Dictionary, Thirteenth Edition", pp.1080, 1997	
32.	LIN, S.J., et al.: "In Vitro Biotransformations of Isocupressic Acid by Cow Rumen Preparations: Formation of Agathic and Dihydroagathic Acids", Journal of Natural Products, vol. 61(1), pp. 51-56, 1998	
33.	SHEN, Z., et al.: "Flavonoid Glycosides From Needles of Pinus Massoniana", Phytochemistry, vol. 24(1), pp. 155-158, 1985	
34.	KAGAWA, K., et al.: "Platelet Aggregation Inhibitors in a Bhutanese Medicinal Plant, Shug Chher", Chem. Pharm. Bull, vol. 41(9), pp. 1604-1607, 1993	
35.	Wang, S., et al.: "Effects of Pine Needle Abortifacient, Isocupressic Acid, on Bovine Oocyte Maturation and Preimplantation Embryo Development", Animal Reproduction Science, vol. 81, pp. 237-244, 2004	
36.	Lee, et al., "The Cholesterol-Lowering Effects of the Extract from <i>Pinus strobus</i> in Chickens", J. Korean Soc. Food Nutr., 25(2):188-192 (1996)	
37.	Grill, D., "Acids in conifer needles", Abstract, Phytol (Horn) 1978	
Examiner		Date Considered
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		